

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F112223AL\  
 Data File : FC065289.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Nov 2023 00:58  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Nov 23 02:48:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102823.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:12:00 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.508 | 4411462    | 20.044 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.09%       |
| 12) S 1-chlorooctadecane (S... | 12.940 | 3169940    | 20.052 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.10%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.306  | 3764972    | 19.914 ug/ml |
| 2) T n-Decane (C10)            | 4.366  | 3836494    | 20.177 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.948  | 3965570    | 20.539 ug/ml |
| 4) T n-Dodecane (C12)          | 6.377  | 3878371    | 20.077 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.002  | 3779683    | 20.568 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.164  | 3794013    | 20.107 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.759  | 3782790    | 20.012 ug/ml |
| 8) T n-Octadecane (C18)        | 11.194 | 3787424    | 20.068 ug/ml |
| 10) T n-Eicosane (C20)         | 12.497 | 3609293    | 20.076 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.106 | 3511866    | 20.003 ug/ml |
| 13) T n-Docosane (C22)         | 13.690 | 3439543    | 20.024 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.787 | 3311898    | 19.885 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.804 | 3179959    | 19.812 ug/ml |
| 16) T n-Octacosane (C28)       | 16.749 | 3057292    | 19.535 ug/ml |
| 17) T n-Tricontane (C30)       | 17.633 | 3210421    | 20.269 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.461 | 3212910    | 20.349 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.241 | 3096328    | 20.285 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.978 | 3013754    | 19.974 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.699 | 2948382    | 19.812 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.573 | 2886849    | 19.628 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

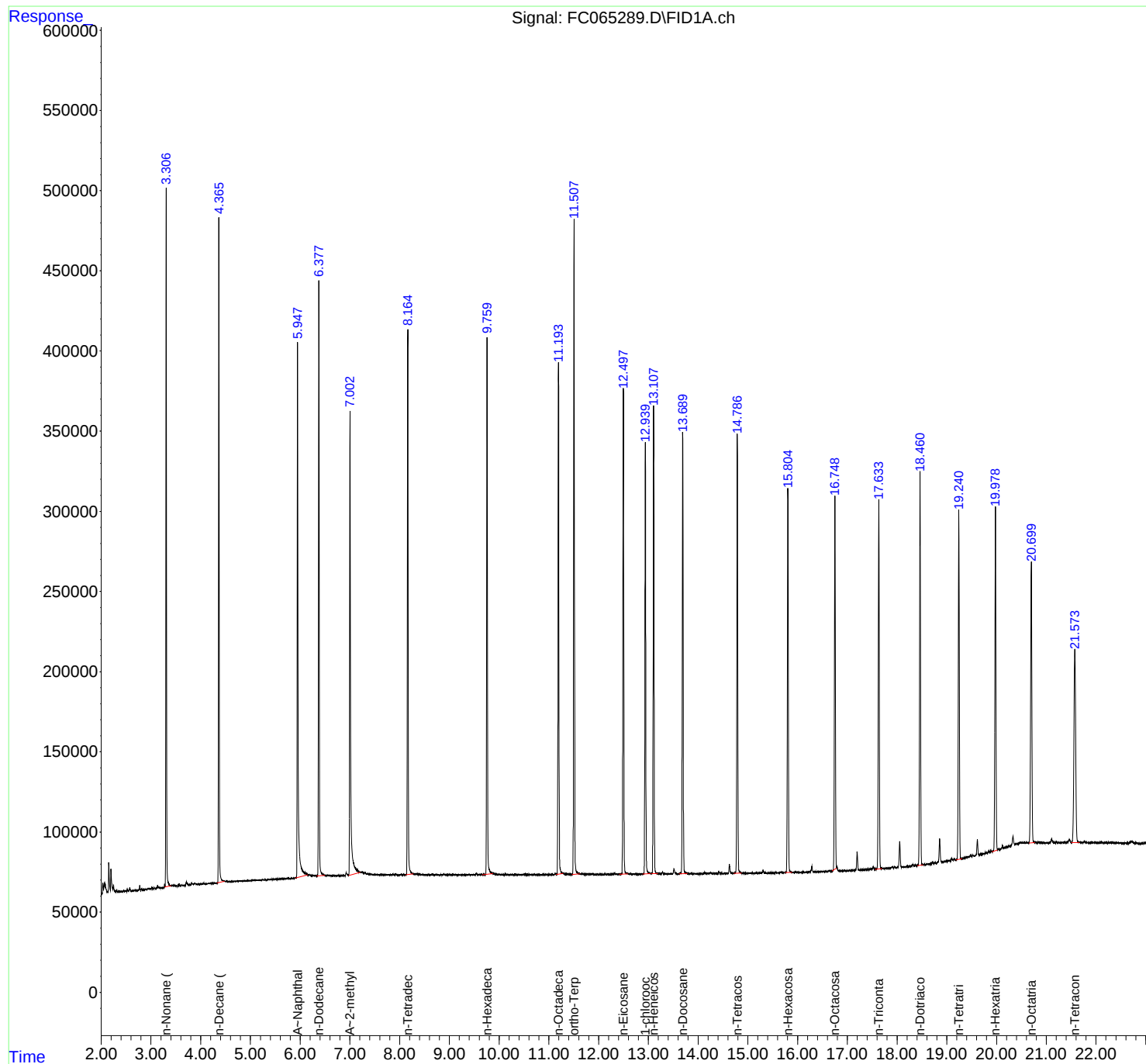
(m)=manual int.

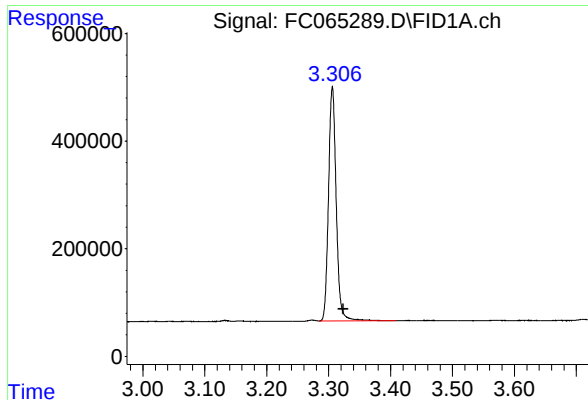
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112223AL\  
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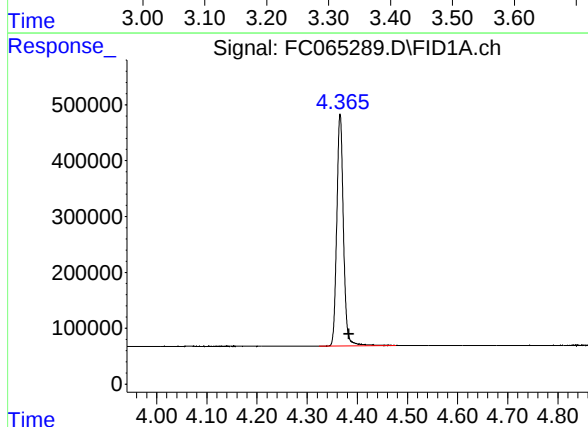




#1 n-Nonane (C9)

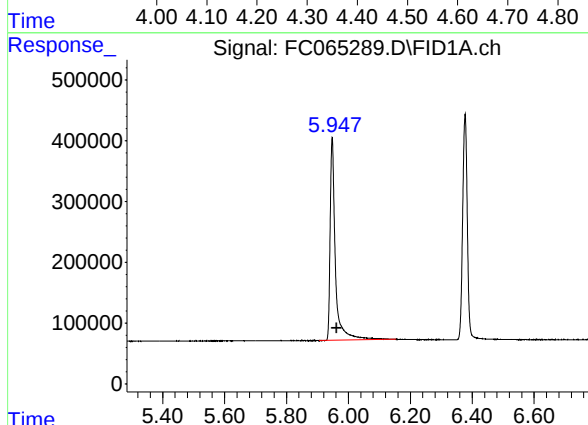
R.T.: 3.306 min  
Delta R.T.: -0.018 min  
Response: 3764972  
Conc: 19.91 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



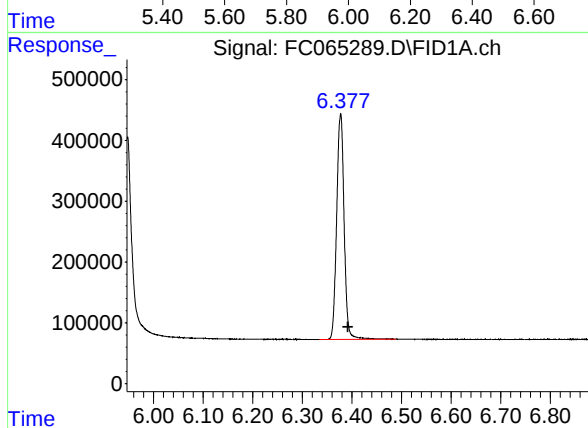
#2 n-Decane (C10)

R.T.: 4.366 min  
Delta R.T.: -0.018 min  
Response: 3836494  
Conc: 20.18 ug/ml



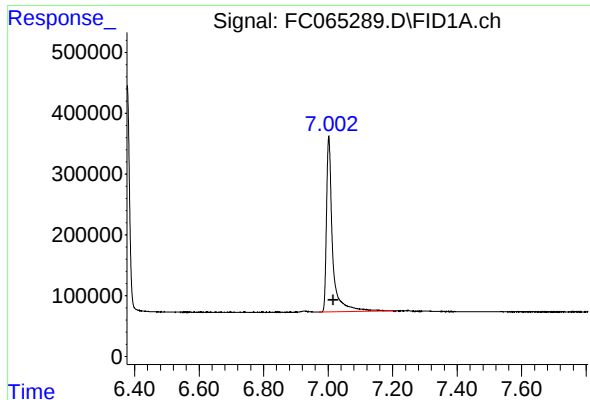
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min  
Delta R.T.: -0.015 min  
Response: 3965570  
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

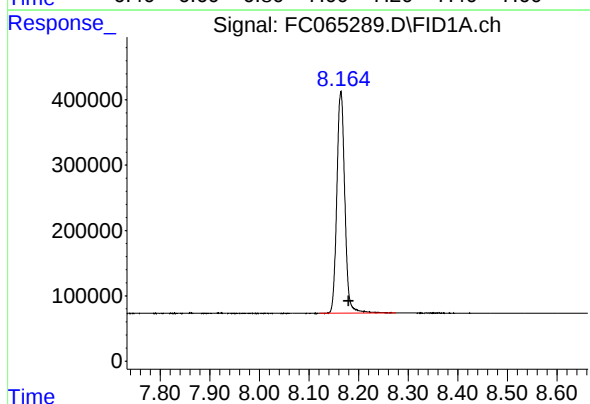
R.T.: 6.377 min  
Delta R.T.: -0.015 min  
Response: 3878371  
Conc: 20.08 ug/ml



#5 A~2-methylnaphthalene (C12.89)

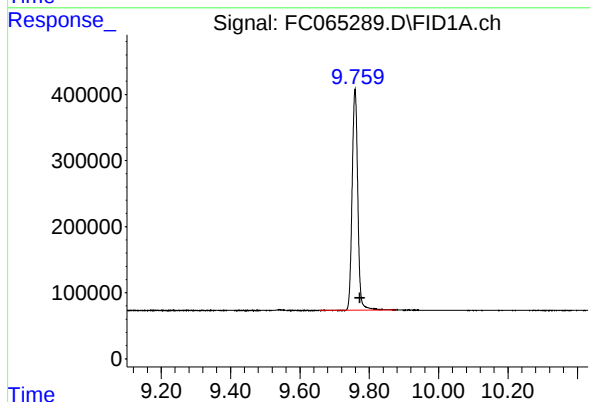
R.T.: 7.002 min  
Delta R.T.: -0.013 min  
Response: 3779683  
Conc: 20.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



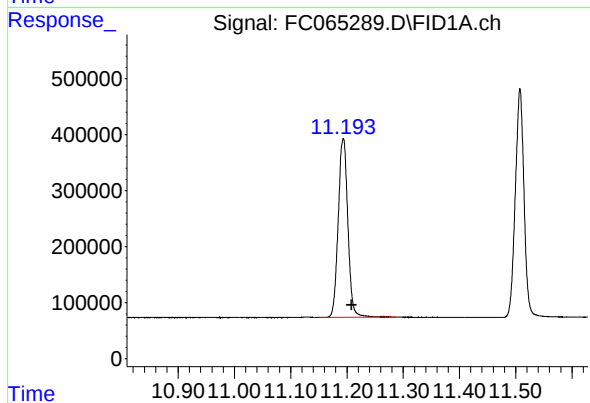
#6 n-Tetradecane (C14)

R.T.: 8.164 min  
Delta R.T.: -0.015 min  
Response: 3794013  
Conc: 20.11 ug/ml



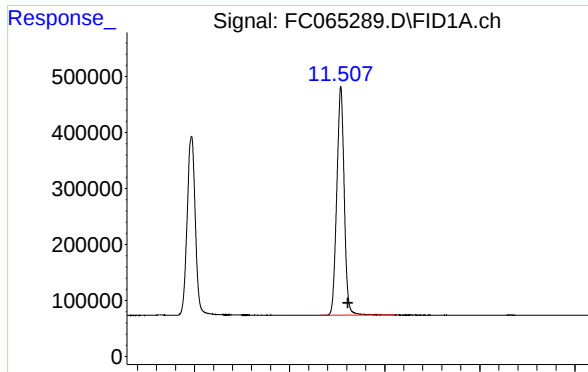
#7 n-Hexadecane (C16)

R.T.: 9.759 min  
Delta R.T.: -0.014 min  
Response: 3782790  
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

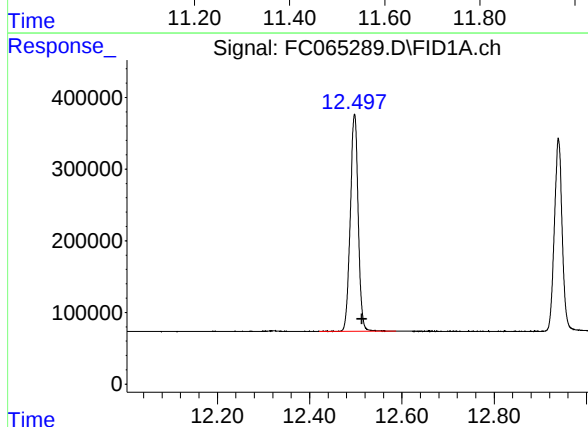
R.T.: 11.194 min  
Delta R.T.: -0.015 min  
Response: 3787424  
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

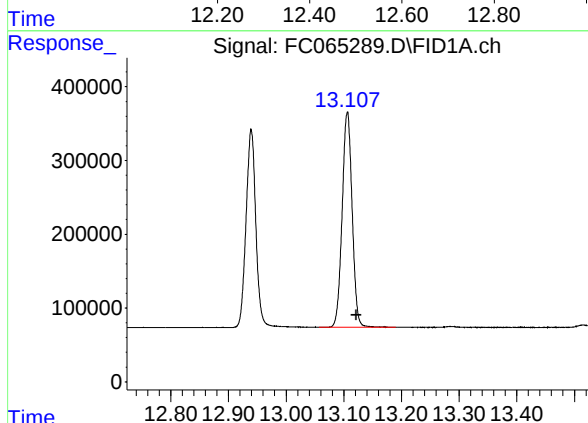
R.T.: 11.508 min  
Delta R.T.: -0.015 min  
Response: 4411462  
Conc: 20.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



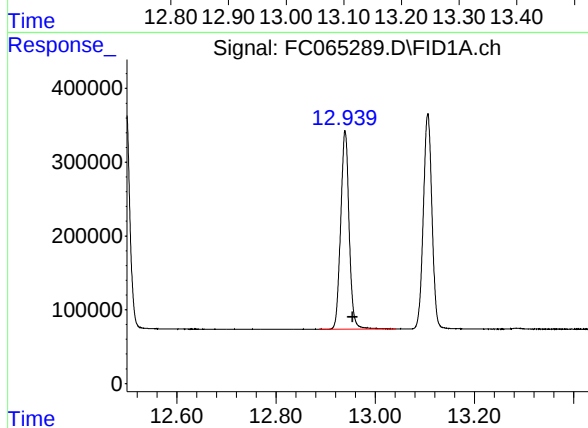
#10 n-Eicosane (C20)

R.T.: 12.497 min  
Delta R.T.: -0.016 min  
Response: 3609293  
Conc: 20.08 ug/ml



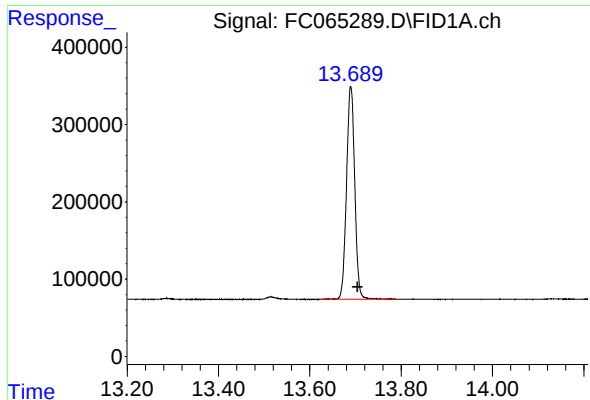
#11 n-Heneicosane (C21)

R.T.: 13.106 min  
Delta R.T.: -0.015 min  
Response: 3511866  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

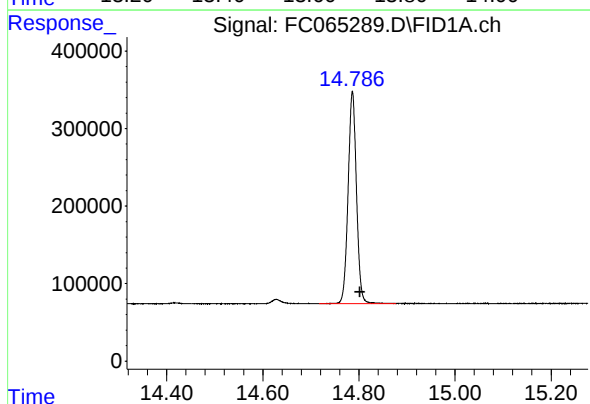
R.T.: 12.940 min  
Delta R.T.: -0.015 min  
Response: 3169940  
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

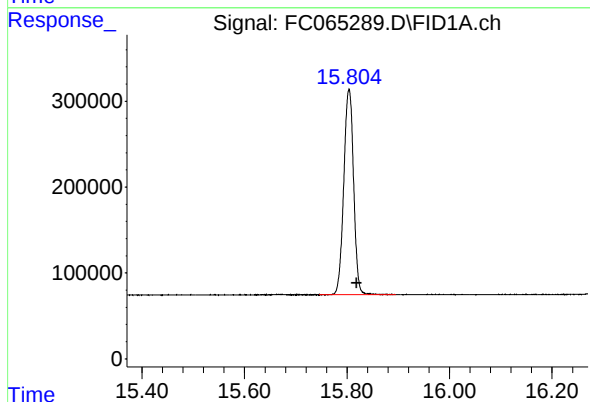
R.T.: 13.690 min  
Delta R.T.: -0.016 min  
Response: 3439543  
Conc: 20.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



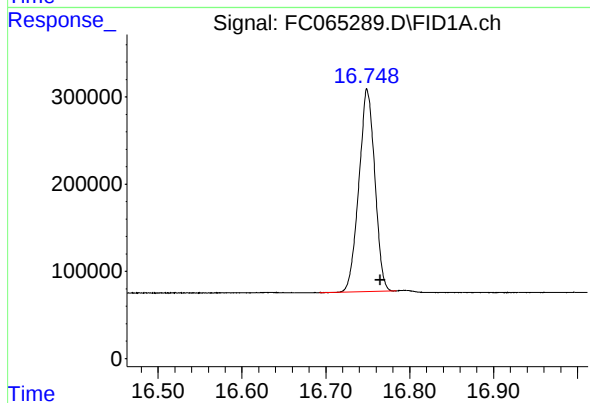
#14 n-Tetracosane (C24)

R.T.: 14.787 min  
Delta R.T.: -0.016 min  
Response: 3311898  
Conc: 19.88 ug/ml



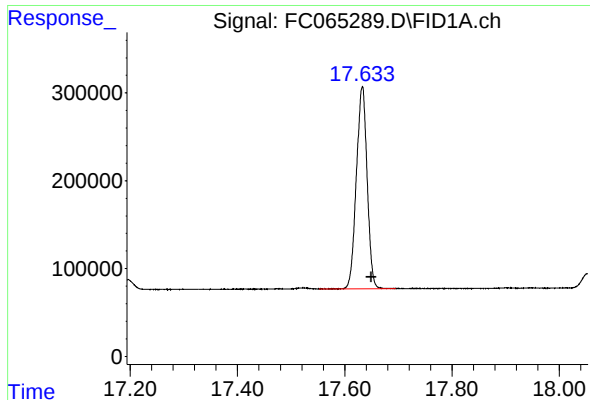
#15 n-Hexacosane (C26)

R.T.: 15.804 min  
Delta R.T.: -0.015 min  
Response: 3179959  
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

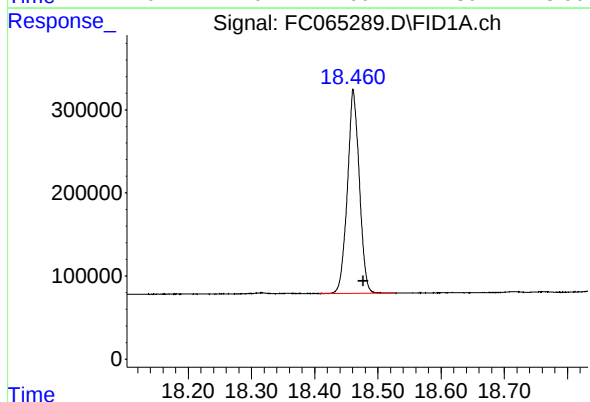
R.T.: 16.749 min  
Delta R.T.: -0.015 min  
Response: 3057292  
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

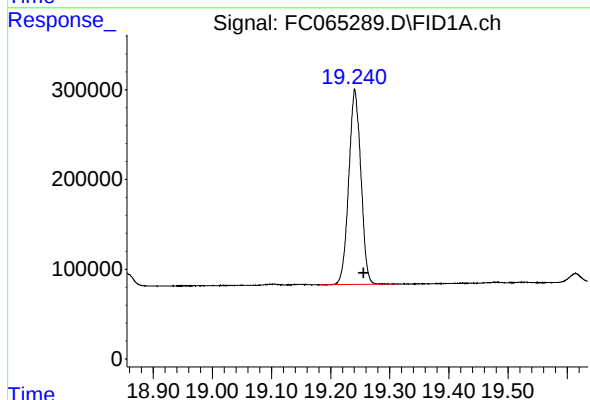
R.T.: 17.633 min  
Delta R.T.: -0.016 min  
Response: 3210421  
Conc: 20.27 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



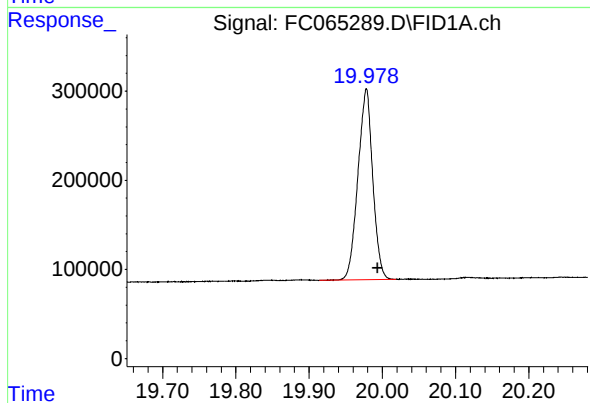
#18 n-Dotriacontane (C32)

R.T.: 18.461 min  
Delta R.T.: -0.016 min  
Response: 3212910  
Conc: 20.35 ug/ml



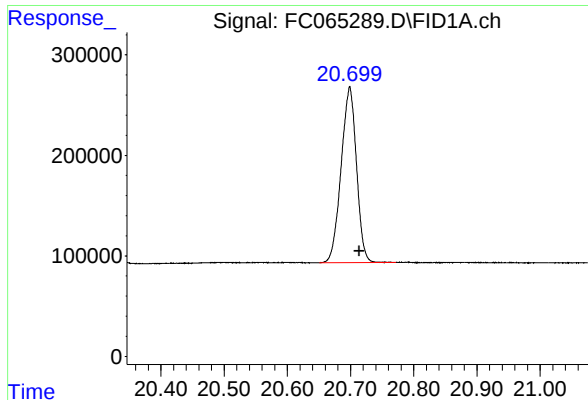
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min  
Delta R.T.: -0.015 min  
Response: 3096328  
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

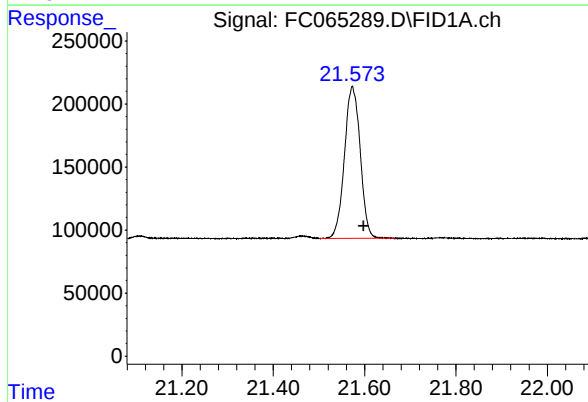
R.T.: 19.978 min  
Delta R.T.: -0.015 min  
Response: 3013754  
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min  
Delta R.T.: -0.015 min  
Response: 2948382  
Conc: 19.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.573 min  
Delta R.T.: -0.025 min  
Response: 2886849  
Conc: 19.63 ug/ml